TO BUILDERS AND OTHERS.

A QUANTITY of RAILING BARS to be SOLD, at 6d. per ton, at J. JOSEPH Iron Wharf; also large stock of Rain-water Pipes, Gutters, Sash-weights, Coal-hole Covers, Tile-lights, Stove-backs, Bubble Gratings, &c. &c., at very low prices. J. JOSEPH, Iron Merchant, Iron Bridge Wharf, No. 4, Bankside, London, near the Southwark Iron Bridge. Prices forwarded on application.

IRON FOUNDRY, 80, Goswell-street (late of Bunhill-row, St. Luke's).—J. JOSEPH having made great additions to his STOCK of PATTERNS, begs to inform the trade, that he is now enabled to supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Chain, Screw, Rowel Bars, Water Closet Work, Area Gratings, Pit and other Wheels, Tread Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stove Ranges, &c., always in stock.

STEAM-ENGINES for AGRICULTURAL and other PURPOSES.—MESSRS. CLAYTON and SHUTTLEWORTH'S well-known Portable Steam-Engines can be seen at DEANE, DRAY, and DEANE'S Agricultural Implement Warehouses, Swan-lane, London-bridge.—The above engine obtained the prize at the Exeter Meeting of the Royal Agricultural Society, July, 1850.

FOR SALE, a PORTABLE STEAM HOISTING ENGINE, of from three to four tons lifting power, fitted on carriage for road and rail (made by Gough, of Manchester), may be adapted for sawing, pumping, pile driving, &c.; a Traveller and Jennie complete, fitted to a span 20 feet wide, and from eight to ten tons lifting power; a small Traveller and Jennie complete, will lift from two to three tons; a Portable Crane, of four tons lifting power; two strong, well made, nearly new 80-inch Portable Tanks,—a Portable Forge complete, a pair of 36-inch Smith's Bellows and Forge, Two Anvils, Lamps, and Sundries.—Apply at Bridge Wharf, Millbank, Westminster.

LONDON REPOSITORY FOR THE SALE OF STEAM ENGINES STEAM BOILERS, MILLS, MACHINERY OF EVERY DESCRIPTION, AGRICULTURAL IMPLEMENTS, &c.

MEDWIN AND HALL.

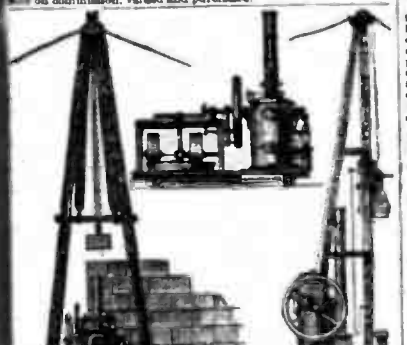
ENGINEERS, No. 93, BLACKFRIARS-ROAD

(Established upwards of Twenty Years).

Beg to inform Merchants, Shippers, Emigrants, and Manufacturers, from their extensive connection with the largest houses in the trade, they have constantly on sale STEAM ENGINES, STEAM ENGINE BOILERS OF VARIOUS POWERS AND CONSTRUCTIONS, Boiler Fittings, Furnace Work, Safety Valves; Steam and Water Gauges, and MEDWIN'S IMPROVED INDICATOR, showing the pressure of steam and degrees of heat. MARINE, LOCOMOTIVE, AND PORTABLE ENGINES ON WHEELS, for pumping, mining, or agricultural purposes; Corn Mills, Saw Mills, to cut timber, planks, and deals by Vertical Saws; Circular Saw Tables; the Iron-work for Wood Circular Saw Tables, adapted to emigrants; Vertical and Circular Saws, Bone Mills, Ore-crushing Rollers, Malt and Seed Rollers; Pumps and Pipes, Hydraulic Presses, Edge Runners, Shafts, Wheels, Drums, Bands, Machinery and Plant, Lathes, Tools, &c. Also on sale NEW AND PATENTED ENGINES AND MACHINERY, Agricultural Implements, &c.

Drawings and Estimates furnished for Millwrights' and Engineers' Work, Machinery, and Castings of all kinds.

Steam Engines, Boilers, Mills, Machinery and Plant, bought and sold on commission, valued and purchased.



TO BUILDERS, CONTRACTORS, MINERS, &c.

NATHAN GOUGH, As. In. C.E., ENGINEER and MACHINE DESIGNER, Albert-street, Manchester, has on sale HIS PATENT PORTABLE STEAM-ENGINES, from two to six-horse power, for grinding mortar, raising building materials, as blocks of stone, bricks in hods or barrows, driving piles, working pumps, circular saws, and marble and stone saw framing. The apparatus connected with the above are attached to the engine as seen in diagrams above. First, steam jibs for raising and setting stone by steam; secondly, steam mortar mill; and, thirdly, steam pile driver. These engines are also applicable for working mortices, planing and other machines, raising earthwork in waggons or barrows out of foundations, railway cuttings, hoisting earthwork, and pumping water out of sewer cuttings, &c., sinking pits, working cranes, elevators, or rollers for crushing ore, drawing waggons in mines, &c. &c. As a proof of their superiority over others, upwards of 600 of them have been sold, and they have been, and are now, extensively used upon public works in England and on the continent. Amongst a many others, in the erection of the New Houses of Parliament, there there are three now employed in raising the stone, &c. for the tower; and one of them at the Crystal Palace in Hyde-park; the High Level Bridge, Newcastle-upon-Tyne, five of them, with mortar mills, syphon pumps, circular saws, &c.; at the New Market, Billingsgate, and for the Commissioners of the London Sewerage, which engines were mounted upon wheels, with double acting syphon pumps, for Messrs. Humphreys and Thirst, contractors; also some for large works where the four pumps of 15-inch diameter each are attached to the engine and moved with the carriage; and two engines, with mortar-mills attached, for the East Indian Railway Company; and at the Great Suspension-bridge over the river Dniepr, at Kieff, in Russia, where six of six-horse power each, with pile-driving apparatus, mortar-mills, motion for working pumps, circular saws, &c. were attached, three of them were mounted upon wheels. References may be made to her Majesty's Commissioners of Woods and Works, the Government Engineers, Messrs. Barrow and Walker, and C. Rendel, Esq. Chas. Barry, Esq., architect, Messrs. Grissel and Peto, contractors for the New Houses of Parliament, Jno. Jay, Esq., Thos. Brassey, Esq., Wm. Mckenzie, Esq., Messrs. Peto and Betts, Messrs. Humphreys and Thirst, Messrs. Locke and Newham, Jas. Hunt, Esq., the Sunderland, the Hull, the Dover, the Deptford, and the Birkenhead Docks Companies; Messrs. Branson and Gwyther, Birmingham; Messrs. J. and R. Crowshaw, of York; Messrs. Lloyd and Brothers, Stockport; Messrs. Billing and Brierley, of Rochdale. NATHAN GOUGH further directs attention to his PATENT DOUBLE ACTING SYPHON PUMPS, of 9 and 12-inch diameter, for colliery dams; and FORCE PUMPS, of 4, 5, and 7-inch diameter, for supplying tanks with water for locomotive engines, gentlemen's mansions, for domestic purposes, fountains, &c. &c., which are worked by his Patent Portable Steam Engines.—A lithographic sheet, illustrative of the various applications of the Portable Steam Engine, may be inspected at the Office of this Paper.

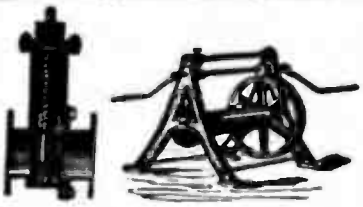
N.B. visits London about six times in the year, and would wait upon parties at their places of business.

LIGHTERAGE.—To Saw-Mill Proprietors, Timber, Slate, and Stone Merchants, or others, requiring Lighterage.—The Advertiser having a large number of Barges, is willing to undertake LIGHTERAGE at prices that defy competition.—CHARLES STRUTTON, 34, Commercial-road, Lambeth.

THOS. LAMBERT and SON, PATENTEES of the FLEXIBLE DIAPHRAGM and HIGH PRESSURE VALVE COCKS,

Equilibrium Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead, and Composition Pipes.

SHORT-STREET, NEW CUT, LAMBETH, LONDON.



IMPROVED SLUICE COCKS for Water, Gas, or Steam, brass-faced, and Sluices raised by square-thread carbon-turned Screw working in Brass Nut, in every respect as good as can be manufactured, are offered at the following prices per inch:—

2-inch.	3 and 4-inch.	5 to 8-inch.	10 to 14-inch.
15s.	14s.	13s.	12s.

Lithographs of the improved self-lubricating, and various other constructions, with descriptions and prices attached, may be had on application.

Single-purchase Builders' Cranes, as above, fitted with Two Handles, and Wrought Iron Braces and Spindles, with Nuts to throw in and out of gear, price £6, each. Delivered in London free.

BARRETT, EXALL, AND ANDREWES, Kingsgrove Iron Works, Reading.

Agents in London.—DEANE, DRAY, and DEANE, where the above may be seen.

IMPROVED DRAINAGE, BY ROYAL LETTERS PATENT.

STANDING, FRANKLIN, & STANDING, Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE. Offices, 85, Cornhill, entrance in Change-alley; Factory, Brunswick Wharf, Commercial-road, Limehouse.

By employing their patent machinery, S. F. and S. are enabled to produce a pipe for sewage and other purposes in every way far superior to those made by any other process, but more especially in those qualities so absolutely essential to a perfect, and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery allowing the air to escape, used in manufacturing, their pipes are entirely free from all bubbles, proving their greater strength, durability, and entirely preventing the currents percolating through; they are much smoother on the inside, insuring a perfect passage for the sewage, and preventing any deposit.

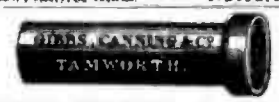
Specimens may be seen at the Offices, 85, Cornhill, where prices, &c., may be obtained, and licenses granted for the use of the patent machine.

HOUSE DRAINAGE and SEWERAGE.

The most economical and efficient system of drainage is formed with DOULTON'S STONEWARE PIPES. Testimonials as to their superiority have been received from the Borough Engineers of Liverpool, Glasgow, and other cities.

Arrangements can be made for delivering them, free of charge, to many of the ports and railway stations throughout the kingdom.

Liverpool Pottery, St. Helens. J. DOULTON, Jun.



MANUFACTURERS of GLAZED STONEWARE PIPES, Bends, Junctions, &c., also FIRE BRICKS, Vitrified Blue Bricks as used by her Majesty's Commissioners of Sewers, White Fire Clay, Facing Bricks, &c. &c. Agents.—Messrs. FREEMAN and RICHARDSON, No. 4, South Wharf, Paddington, London; Mr. W. RAWLINS, Bonner Wharf, Camden-town; and Messrs. HEATHSLET and Co., Adelphi Wharf, Strand.

DRAIN PIPE WORKS.—T. SMITH, ORIGINAL LAMBETH POTTERY, 78, PRINCES-STREET, LAMBETH, Builders, Contractors, and others, are invited to lodge their Estimates as regards the quality, &c., of the SALT-GLAZED and GLASS-LINED DRAIN PIPES.—A list of prices and terms may be had upon application, or forwarded per post.

GREAT REDUCTION in PRICES. GLAZED STONE WARE DRAIN PIPES.

DAVID MOUNTAGUE (late Turner and Mountague), Lambeth Pottery, near Southwark, Kent, now offer to the public Glazed Stone Ware Drain Pipes of the best quality at the following reduced prices:—

Straight Tubes with Socket Joints, in 3-feet lengths.

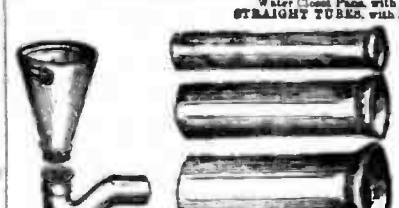
9 in.	12 in.	15 in.	18 in.	21 in.	24 in.
3d.	4½d.	6d.	9d.	1s. 4d.	1s. 8d. per foot.

Closet pans at, each; Traps 2s.; Bends, Junctions, Filters, Jars, Bottles, Chemicals, &c. &c. at reduced prices in proportion. A discount on the above prices dependent on quantity and mode of payment. Orders received at and executed from his Wharfs, Falcon Wharf, St. Saviour's, Bankside, Blackfriars; Harrow-bridge Wharf, Stratford, Essex; and at his Cement Works, Orchard-house, Blackwall.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES, BENDS, JUNCTIONS, TRAPS, &c., 39, HIGH STREET, LAMBETH, LONDON. Established 1794.

Water Closet Pans, with Syphon Traps, 7s. 6d. each.

STRAIGHT TUBES, with Socket Joints, in 3 feet lengths.



N.B. These are made without the discharge-hole being turned downwards.

The great advantages attending the use of these articles are now so generally understood, as to render any enumeration of them almost superfluous. Their cheapness, efficiency, and durability, are universally admitted; while the rapidly increasing demand for them proves their estimated superiority over every other kind hitherto before the public for similar purposes.

Inspection is invited to an assorted stock of Drain Tubes of every form and size, adapted to the various situations for which they may be required, as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze far surpassing any other manufactured of Brown Stone Ware.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's Acre, Westminster-bridge; City-road Wharf, City Basin; Dock-head, Bermondsey; Danvers Wharf, foot of Battersea-bridge, Chelsea; Pratt Wharf, Kings-road, Camden New Town.

Drawings and List of Prices will be forwarded on application.

DOULTON and WATTS, LAMBETH POTTERY, HIGH-ST. LAMBETH, LONDON.

No. 3 is similar to No. 2, but with the discharge-hole in a horizontal direction.

No. 4 in three pieces.

CHEAP WATER-CLOSET PANS, with Syphon Traps, IN GLAZED STONE WARE, PRICE 7s. 6d. EACH.

The improved WATER-CLOSET PANS are of the most simple yet perfect construction: they are CLEANLY and IMPERISHABLE, require no metal fans, and the price at which they are offered is so low, as to admit of their universal adoption.

HENRY DOULTON AND CO.'S DRAIN PIPES IN GLAZED STONE WARE.

OFFICES—HIGH-STREET, LAMBETH, LONDON, and Granville-street Wharf, Broad-street, Birmingham.
MANUFACTORIES—High-street, Lambeth, London; and Birmingham Pottery, Bewley Regis, Staffordshire.

May also be had as follows:—

BIRMINGHAM.....Granville-street Wharf	CHELTENHAM .....Mr. J. Blizard.
GLOUCESTER.....Mr. J. G. Francillon.	LEICESTER.....Messrs. J. and W. Jackson.
NORTHAMPTON.....Messrs. Adcock and Greenough.	WOLVERHAMPTON Mr. R. Sheldon.
WORCESTER.....Messrs. Rowland and Son.	TAUNTON .....Mr. Geo. Pollard.

TESTIMONIALS as to the superiority of these Pipes have been received by H. D. and Co. from Messrs. ROE and PHILLIPS, Surveyors to the New Metropolitan Commissioners of Sewers; and J. PIGOTT SMITH, Esq., Town Surveyor of Birmingham; E. S. HODGAR, Esq., Surveyor of Oxford, &c. &c.

STRAIGHT TUBES WITH SOCKET JOINTS from 1 inch to 24 inches in diameter. BENDS, JUNCTIONS, TRAPS, &c. OF EVERY DESCRIPTION. Drawings, with prices, &c., will be forwarded free on application as above.

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